



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

(use as many sheets as necessary)

Complete if Known

Complete if Known	
Application Number	10/591,445
Filing Date	September 01, 2006
First Named Inventor	Ilan TSAFRIR et al
Art Unit	2183
Examiner Name	Not Yet Assigned
Attorney Docket Number	32297

Sheet	1	of	3
-------	---	----	---

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Documents	Publication Date DD-MMM-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)			
Examiner Signature				Date Considered	

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered.
Include copy of copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional).

² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. this collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	10/591,445
Filing Date	September 01, 2006
First Named Inventor	Ilan TSAFRIR et al
Group Art Unit	2183
Examiner Name	Not Yet Assigned
Attorney Docket Number	32297

Sheet 2 Of 3

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	2	Alon et al. "Broad Patterns of Gene Expression Revealed by Clustering analysis of Tumor and Normal Colon Tissues Probed by Oligonucleotide Arrays", Proc. Natl. Acad. Sci. USA, 96(12): 6745-6750, 1999.	
	3	Alter et al. "Singular Value Decomposition for Genome-Wide Expression Data Processing and Modeling", Proc. Natl. Acad. Sci. USA, 97(18): 10101-10106, 2000.	
	4	Bar-Joseph et al. "Fast Optimal Leaf Ordering for Hierarchical Clustering", Bioinformatics, 17(Suppl.1): S22-S29, 2001.	
	5	Dinic et al. "An Algorithm for the Solution of the Assignment Problem", Soviet Math. Dokl., 10(6): 1324-1326, 1969.	
	6	Eisen et al. "Cluster Analysis and Display of Genome-Wide Expression Patterns", Proc. Natl. Acad. Sci. USA, 95(25): 14863-14868, 1998.	
	7	Ghosh "Mixture Models for Assessing Differential Expression in Complex Tissues Using Microarray Data", Bioinformatics, 20(11): 1663-1669, 2004.	
	8	Kaski et al. "Trustworthiness and Metrics in Visualizing Similarity of Gene Expression", BMC Bioinformatics, 4(48): 1-13, 2003. 1st P.	
	9	Koopmans et al. "Assignment Problems and the Location of Economic Activities", Econometrica, 25(1): 53-76, 1957.	
	10	Notterman et al. "Transcriptional Gene Expression Profiles of Colorectal Adenoma, Adenocarcinoma, and Normal Tissue Examined by Oligonucleotide Arrays", Cancer Research, 61: 3124-3130, 2001.	
	11	Papadimitriou "The Euclidean Travelling Salesman Problem Is NP-Complete", Theoretical Computer Science, 4(3): 237-244, 1977.	
	12	Rosty et al. "Characterization of Gene Expression Profiles in Cervical Carcinoma", American Association for Cancer Research, 95th AACR Annual Meeting, Orlando, FL, USA, Proceedings of the ACCR, 45: 1067, 2004.	
	13	Roweis et al. "Nonlinear Dimensionality Reduction by Locally Linear Embedding", Science, 290(5500): 2323-2326, 2000.	
	14	Rozovskaia et al. "Expression Profiles of Acute Lymphoblastic and Myeloblastic Leukemias With ALL-1 Rearrangements", Proc. Natl. Acad. Sci. USA, 100(13): 7853-7858, 2003.	
Examiner Signature			Date Considered

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional).

² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

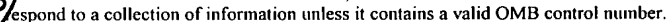
³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450



Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO

(use as many sheets as necessary)

Complete if Known

Application Number	10/591,445
Filing Date	September 01, 2006
First Named Inventor	Ilan TSAFRIR et al
Art Unit	2183
Examiner Name	Not Yet Assigned
Attorney Docket Number	32297

Sheet

3

Of

3

Attorney Docket Number

32297

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

[illegible]

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

* **EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional).

² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.